Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034825.D
Acq On : 02 Nov 2024 04:01
Operator : RC/JU
Sample : P4535-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Quant Time: Nov 03 23:29:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	7047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	20741	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.226	164	10954	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	22559	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	17792	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	16362	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	1913	0.262	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	8747	0.336	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	24570	0.424	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	5478	0.684	ng/ul#	91
5) Naphthalene	10.410	128	18583	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.033	142	11520	0.323	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	11877	0.327	ng/ul	99
10) Acenaphthylene	13.944	152	18743	0.376	ng/ul	100
11) Acenaphthene	14.291	153	14433	0.378	ng/ul	100
12) Fluorene	15.281	166	16840	0.396	ng/ul	100
14) Pentachlorophenol	16.624	266	4946	1.111	ng/ul	99
15) Phenanthrene	17.013	178	29327	0.430	ng/ul	100
16) Anthracene	17.106	178	27023	0.428	ng/ul	99
19) Fluoranthene	19.037	202	34641	0.401	ng/ul	99
20) Pyrene	19.400	202	37401	0.416	ng/ul	99
21) Benzo(a)anthracene	21.148	228	32540	0.457	ng/ul	100
22) Chrysene	21.201	228	32082	0.450	ng/ul	100
24) Benzo(b)fluoranthene	22.697	252	29670	0.446	ng/ul	88
25) Benzo(k)fluoranthene	22.738	252	30063	0.448	ng/ul#	88
26) Benzo(a)pyrene	23.249	252	24917	0.435	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.517	276	26812	0.439	ng/ul	99
28) Dibenzo(a,h)anthracene	25.530	278	20694	0.448	ng/ul#	93
29) Benzo(g,h,i)perylene	26.174	276	20496	0.427	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034825.D
Acq On : 02 Nov 2024 04:01
Operator : RC/JU
Sample : P4535-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Nov 03 23:29:24 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
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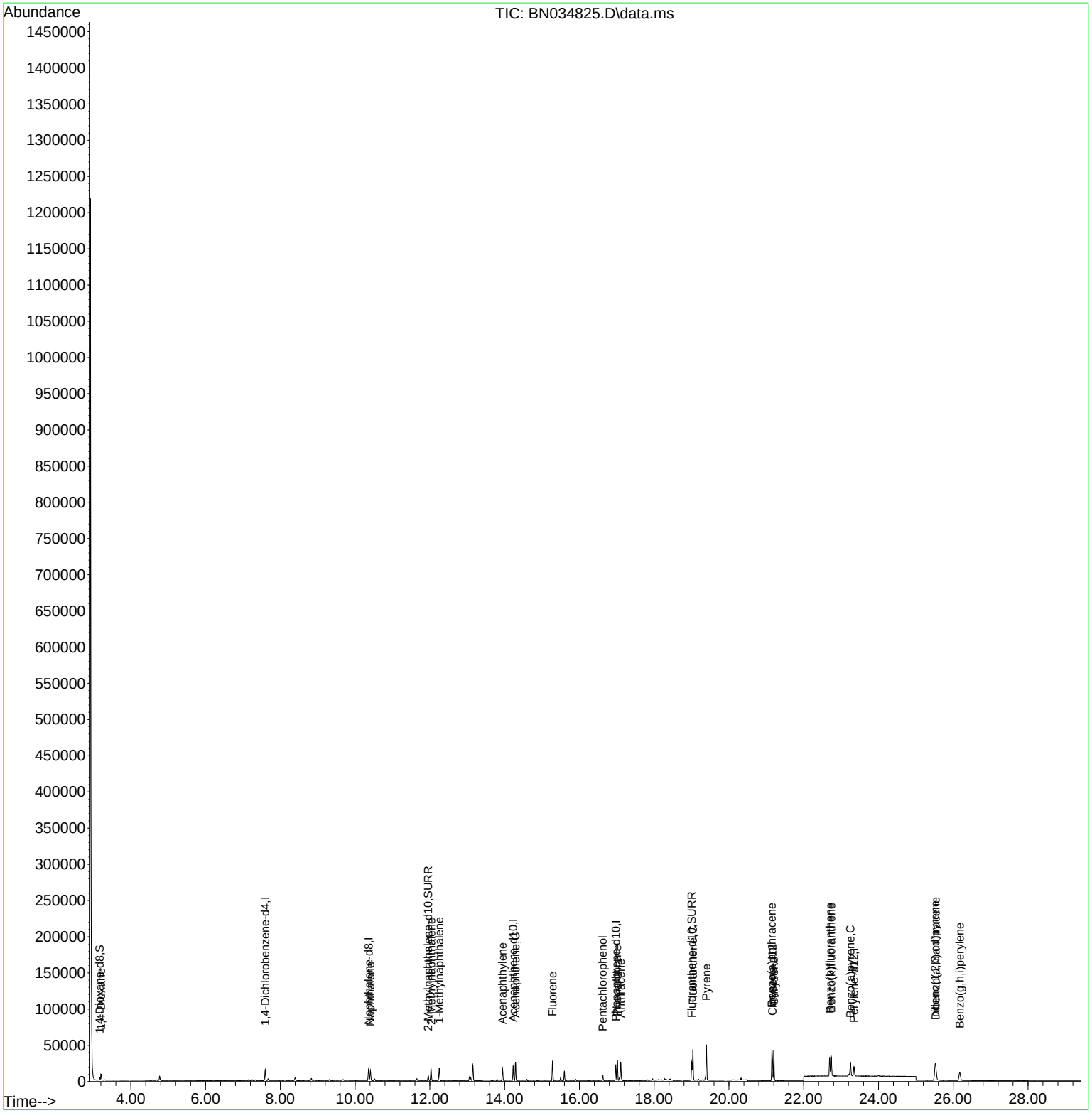
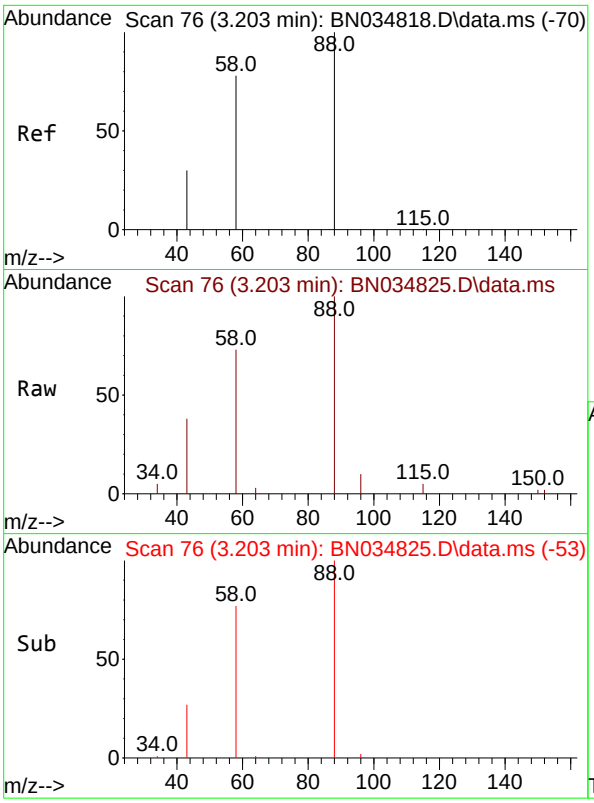


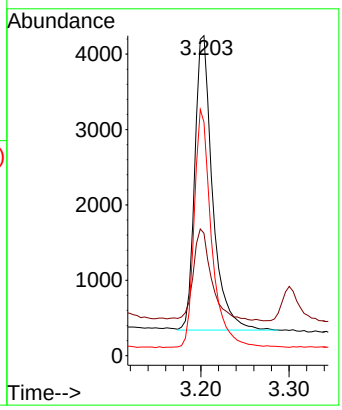


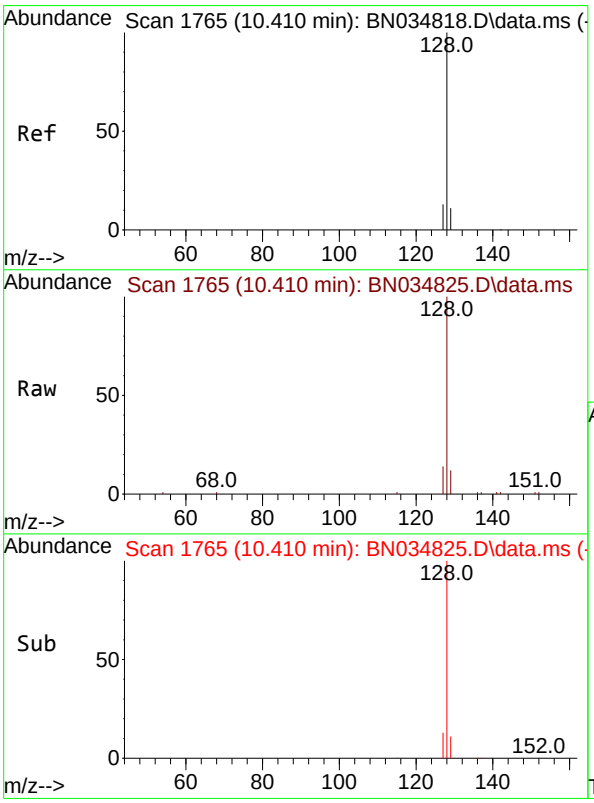
#2
1,4-Dioxane
Concen: 0.684 ng/ul
RT: 3.203 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion: 88 Resp: 5478

Ion	Ratio	Lower	Upper
88	100		
43	38.3	41.9	62.9#
58	73.0	57.5	86.3

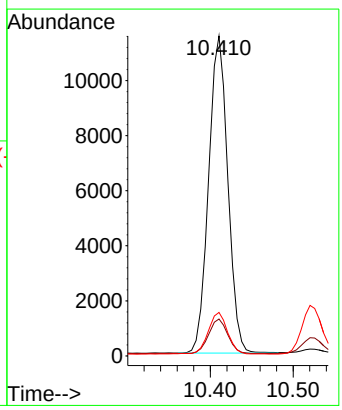


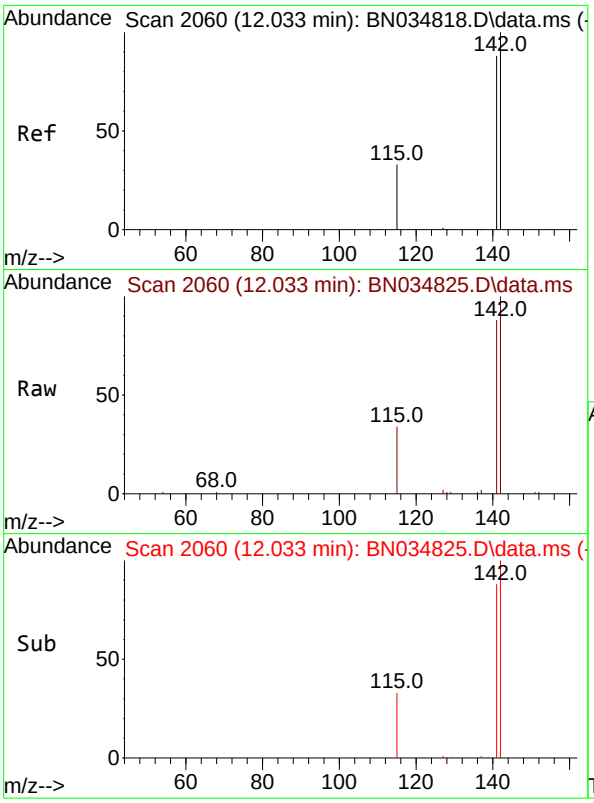


#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.410 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:128 Resp: 18583

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.6	10.5	15.7



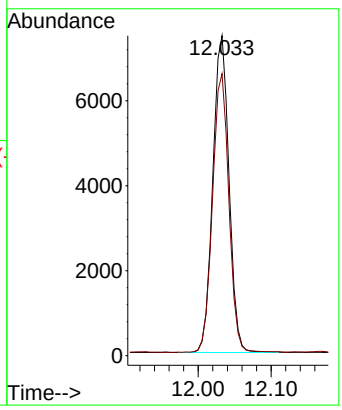


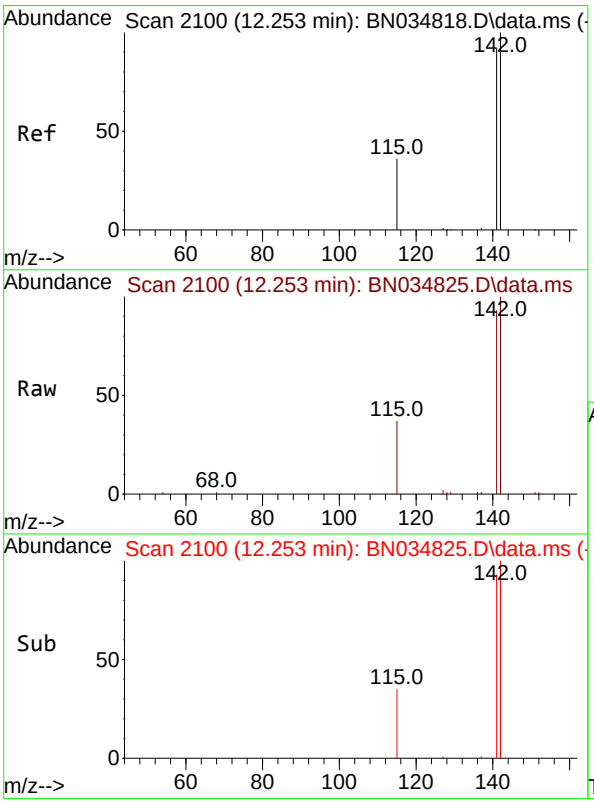
#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.033 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion:142 Resp: 11520

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.1	106.7

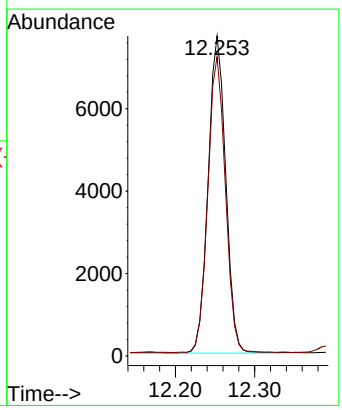


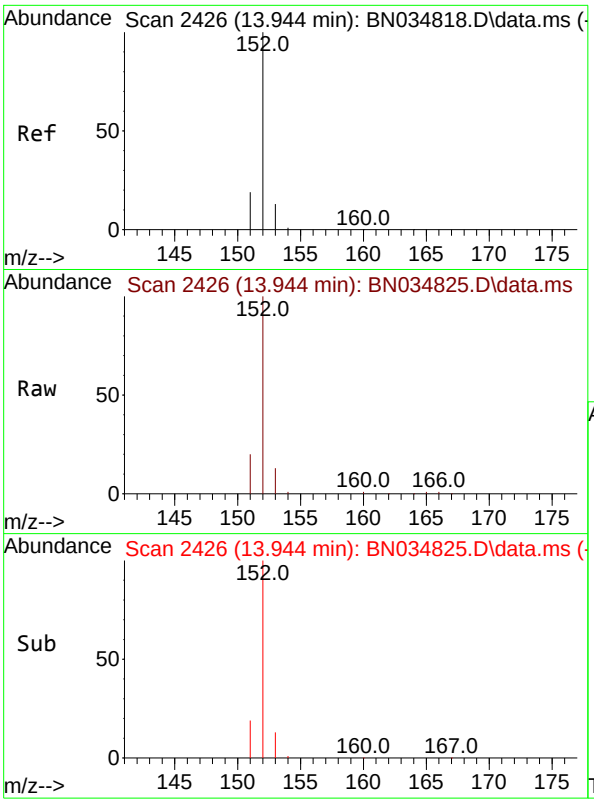


#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:142 Resp: 11877

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.6	110.4



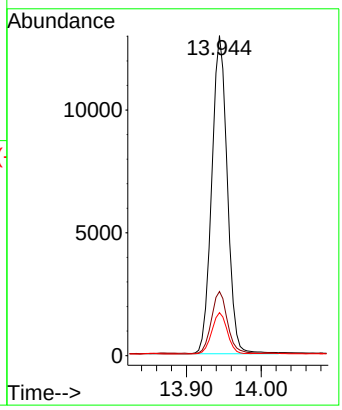


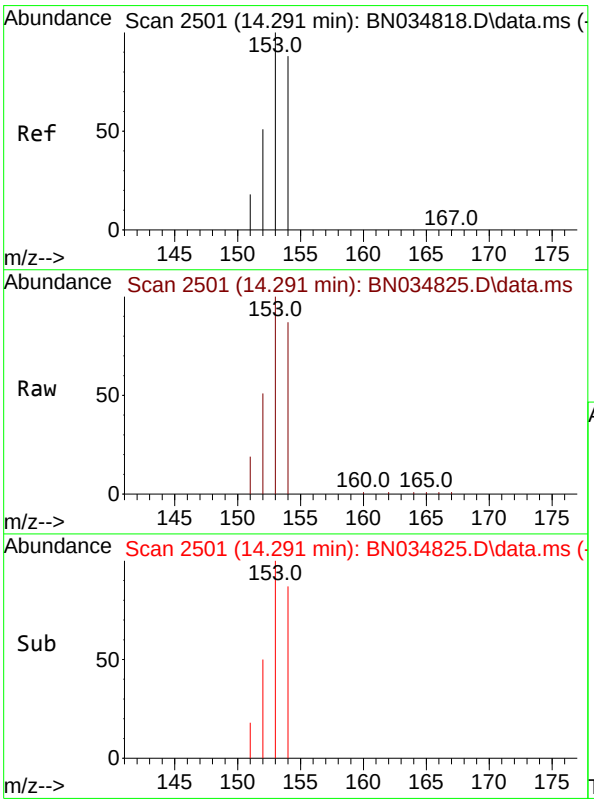
#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 13.944 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion:152 Resp: 18743

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.5	10.7	16.1

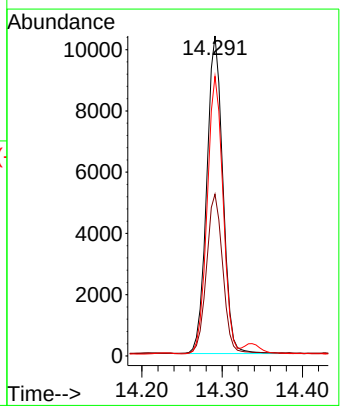


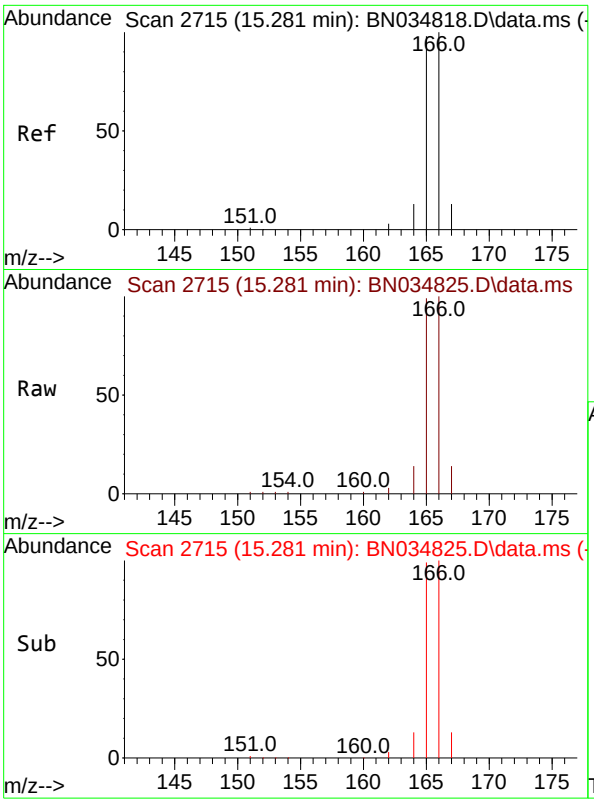


#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:153 Resp: 14433

Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.3	60.5
154	87.4	69.9	104.9



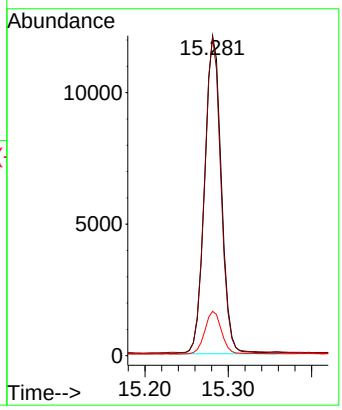


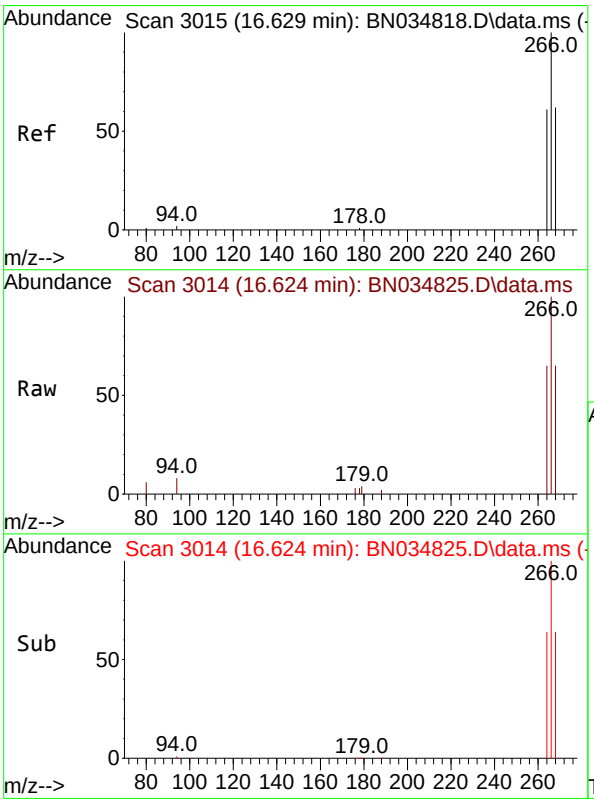
#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.281 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion:166 Resp: 16840

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.1	118.7
167	13.9	11.0	16.4

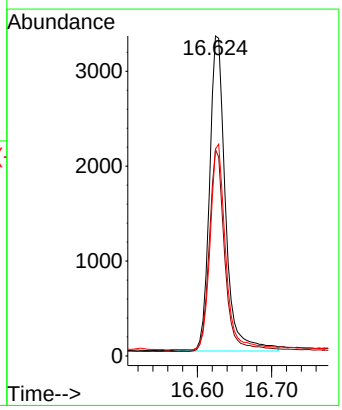


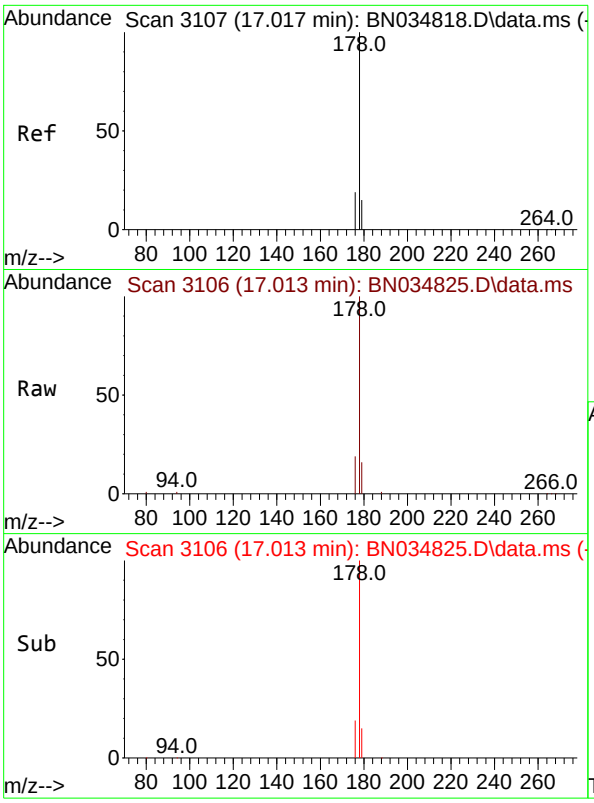


#14
Pentachlorophenol
Concen: 1.111 ng/ul
RT: 16.624 min Scan# 3014
Delta R.T. -0.013 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:266 Resp: 4946

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.1	75.1
268	63.6	52.0	78.0



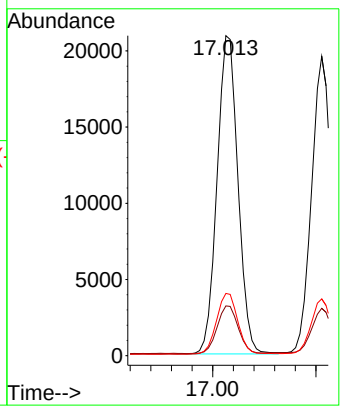


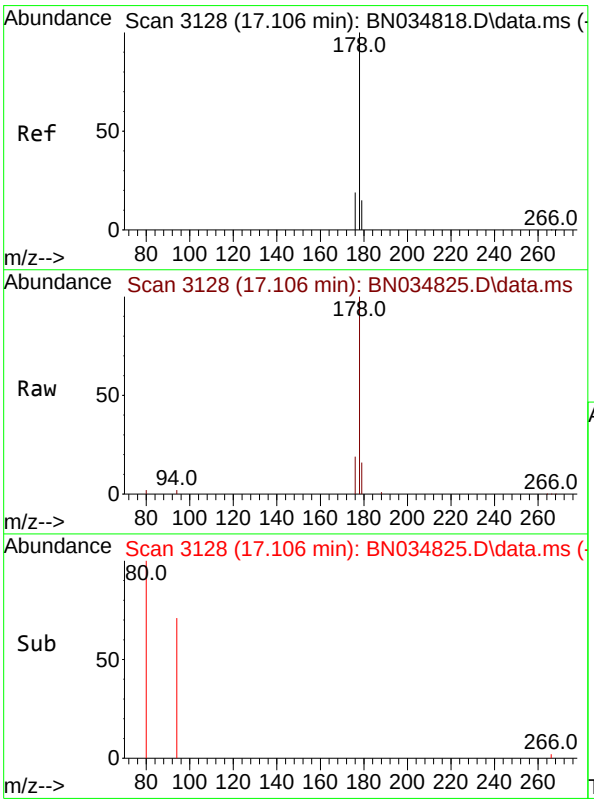
#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.013 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion:178 Resp: 29327

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.4	15.4	23.0

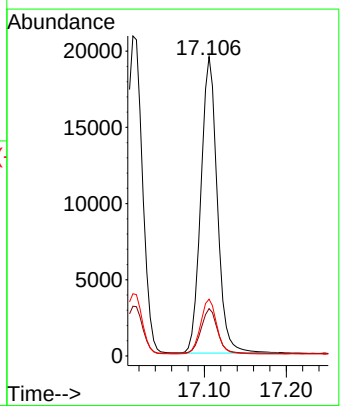


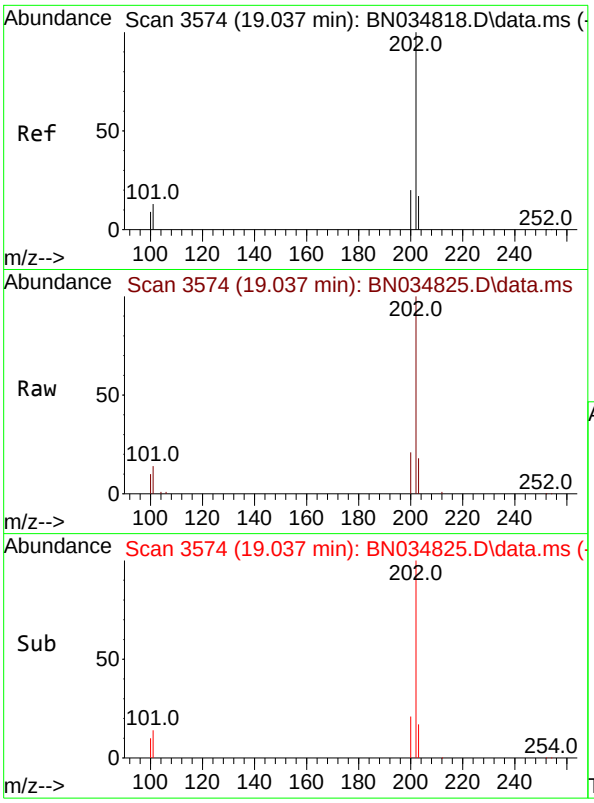


#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.106 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:178 Resp: 27023

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.0	15.1	22.7



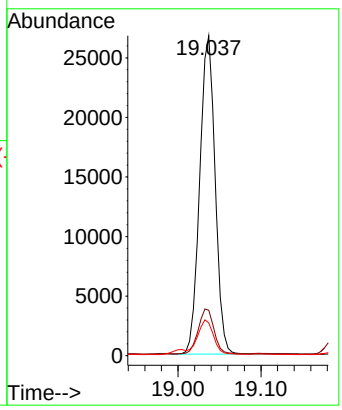


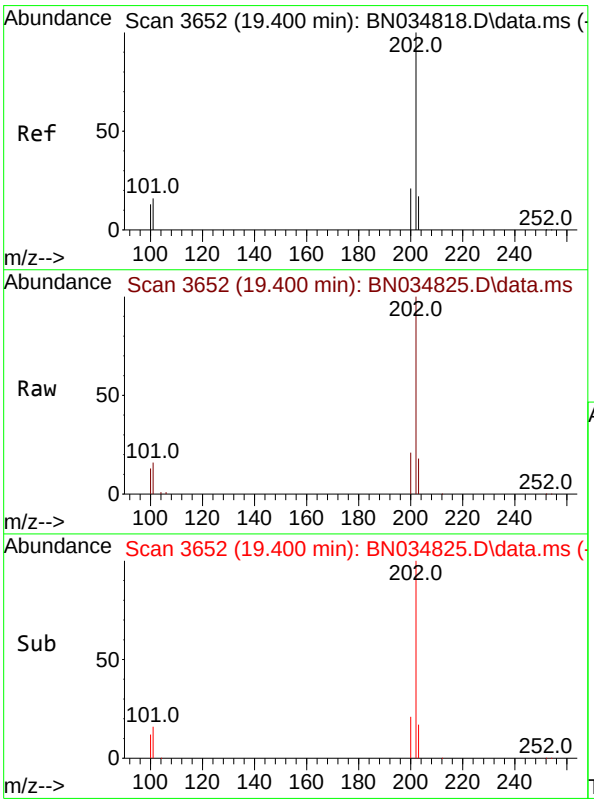
#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.037 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion:202 Resp: 34641

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.8	16.2
100	10.3	8.2	12.2

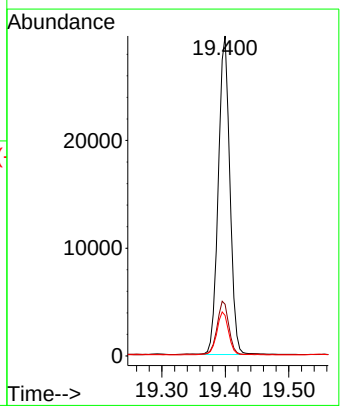


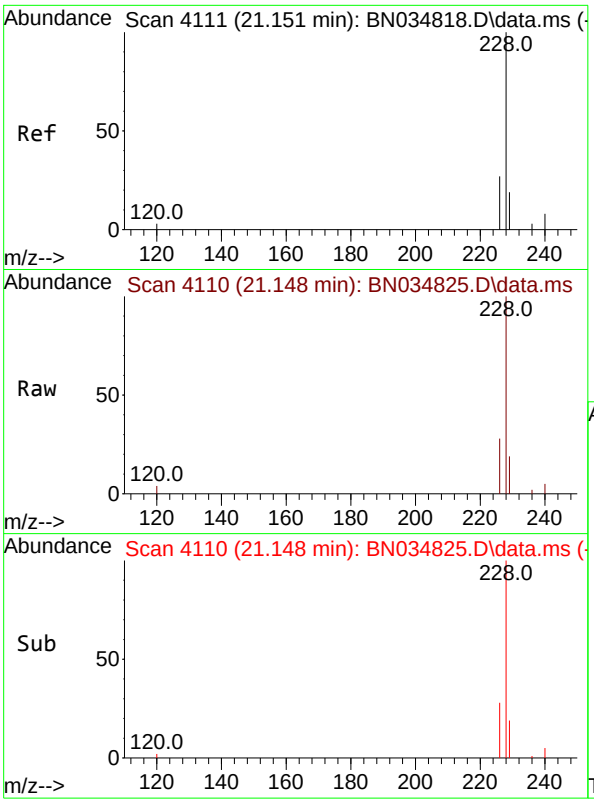


#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:202 Resp: 37401

Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.4	18.6
100	12.6	10.0	15.0





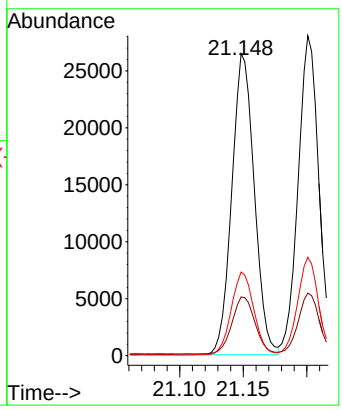
#21
Benzo(a)anthracene
Concen: 0.457 ng/ul
RT: 21.148 min Scan# 4

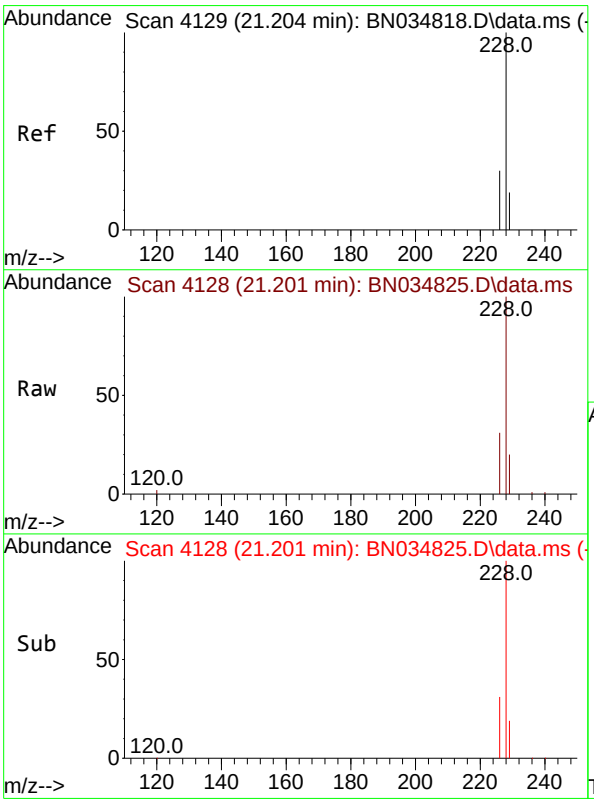
Instrument :
BNA_N
ClientSampleId :
E1L68MS

Delta R.T. -0.012 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:228 Resp: 32540

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.5	23.3
226	27.7	22.1	33.1

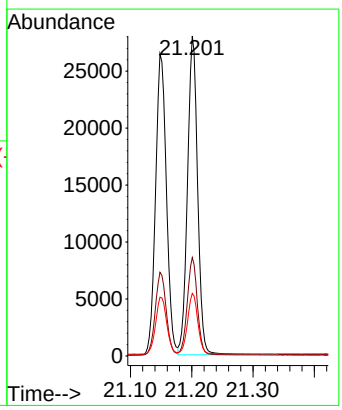


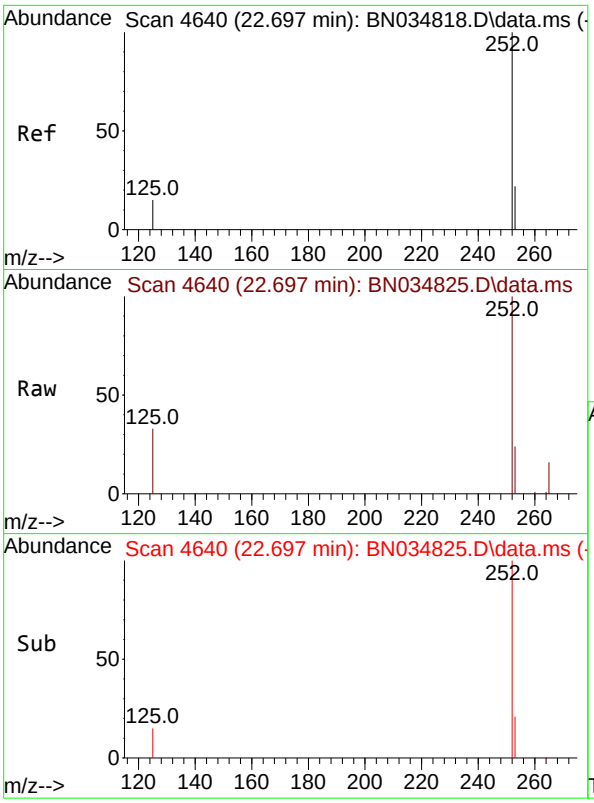


#22
Chrysene
Concen: 0.450 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. -0.012 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:228 Resp: 32082

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.5	15.6	23.4



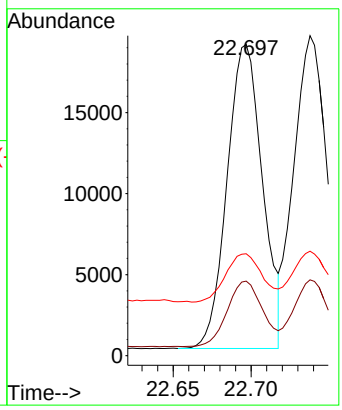


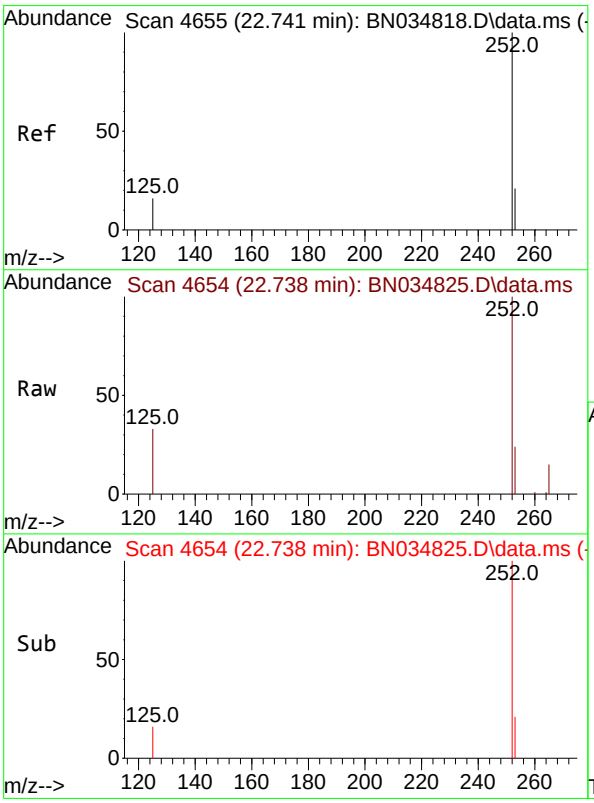
#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 22.697 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion:252 Resp: 29670

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	47.6
125	32.7	0.0	41.4

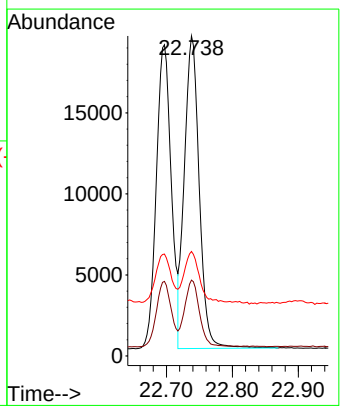


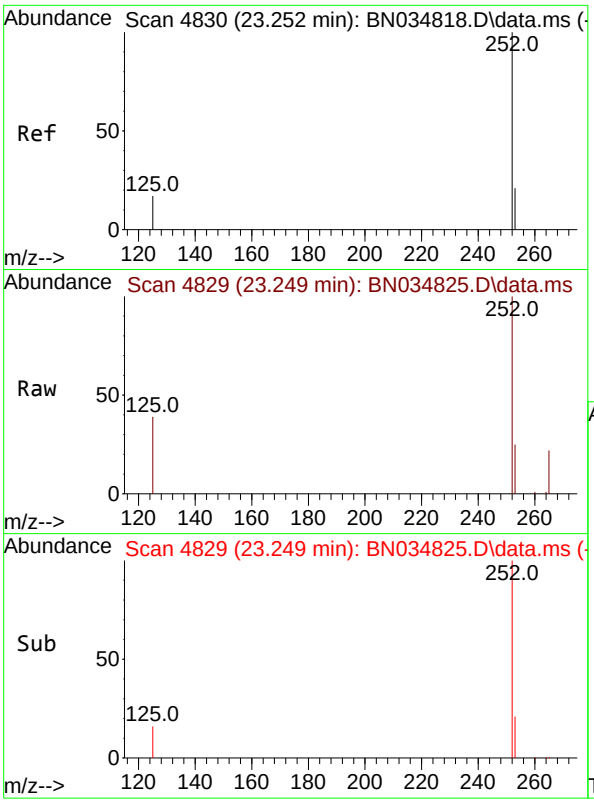


#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. -0.012 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:252 Resp: 30063

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.1	28.7
125	32.7	17.0	25.4#



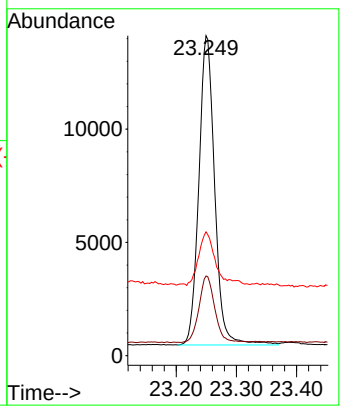


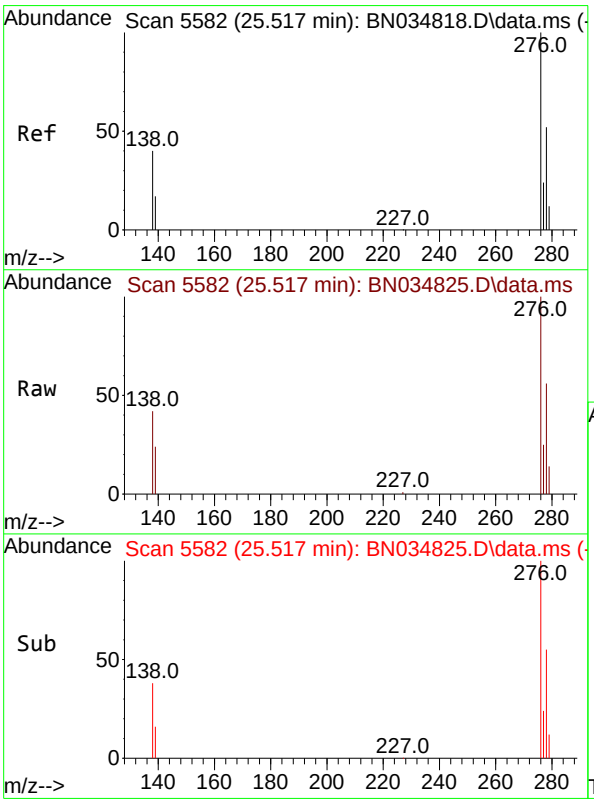
#26
Benzo(a)pyrene
Concen: 0.435 ng/ul
RT: 23.249 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion:252 Resp: 24917

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.0	30.0
125	38.7	19.8	29.6#

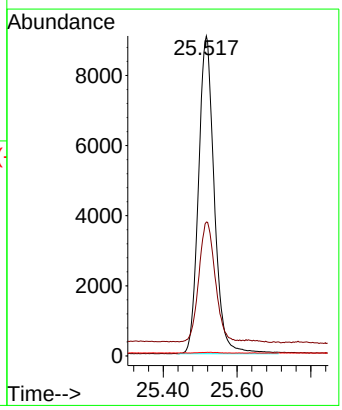


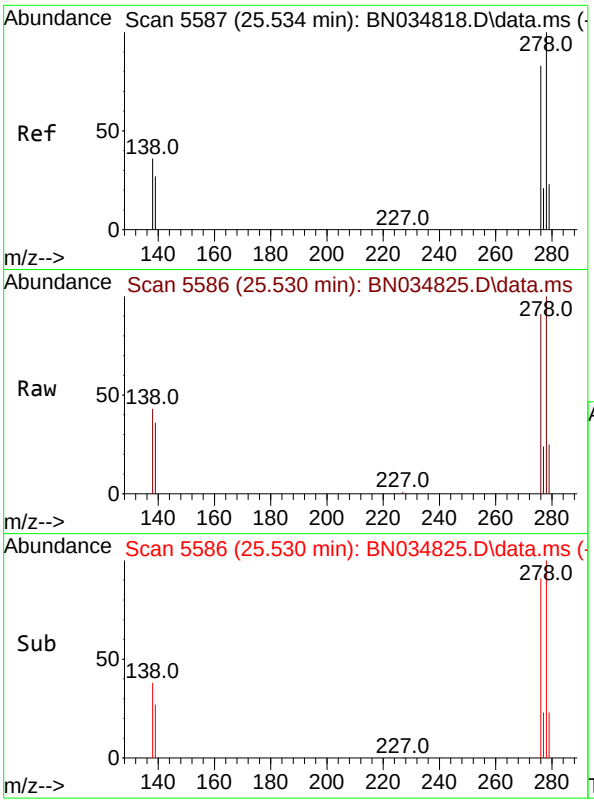


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 25.517 min Scan# 5582
Delta R.T. -0.020 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:276 Resp: 26812

Ion	Ratio	Lower	Upper
276	100		
138	39.2	31.8	47.6
227	0.3	0.2	0.4



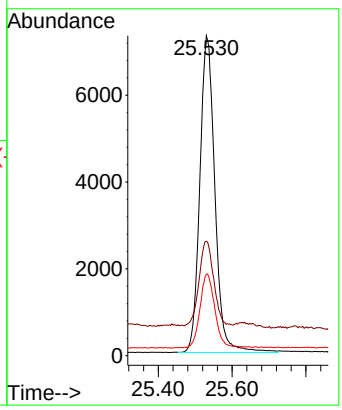


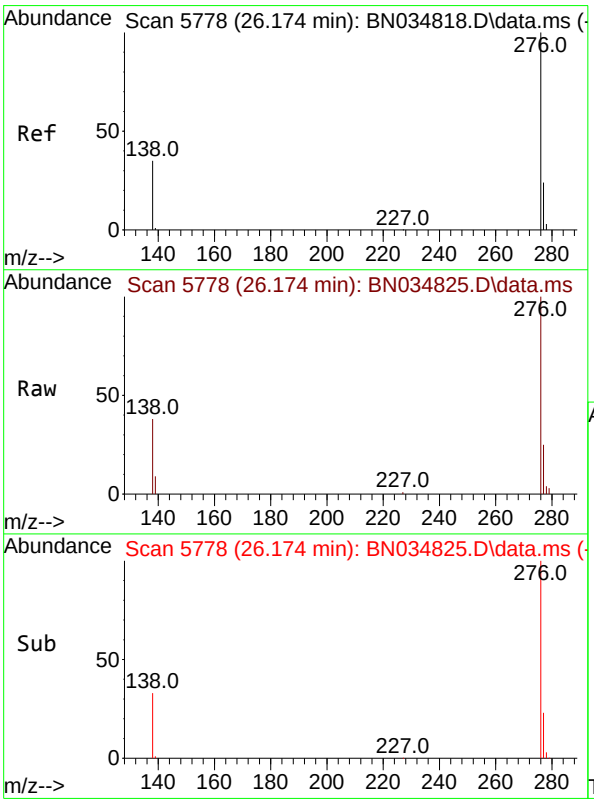
#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 25.530 min Scan# 5
Delta R.T. -0.024 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion:278 Resp: 20694

Ion	Ratio	Lower	Upper
278	100		
139	35.8	23.4	35.2#
279	25.4	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 26.174 min Scan# 5778
Delta R.T. -0.020 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:276 Resp: 20496

Ion	Ratio	Lower	Upper
276	100		
138	38.3	28.8	43.2
277	24.6	20.2	30.2